

CLAIM AMENDMENTS

Please cancel claims 1, 7, and 13-16 without prejudice.

1. (canceled)

2. (currently amended) A method for recovering data that was transported utilizing multiple data transport protocols, the method comprises the steps of: ~~The method of claim 1 further comprises:~~

receiving infrared (IR) encoded and IR formatted data via an IR transmission path;

IR decoding the IR encoded and IR formatted data to recapture IR formatted data, wherein the IR formatted data includes IR transport identifying information;

packetizing the IR formatted data in accordance with universal serial bus (USB) data transport protocol to produce USB packets;

transporting the USB packets via a USB port to produce transported USB packets;

depacketizing the transported USB packets to recapture the IR formatted data; and

decoding the IR formatted data in accordance with an IR data transport protocol based on the IR identifying information to recover data, wherein

the IR data transport protocol including slow IR in accordance with an IrDA specified infrared data transport

protocol, medium IR in accordance with the IrDA specified infrared data transport protocol, fast IR in accordance with the IrDA specified infrared data transport protocol, and amplitude shift keying (ASK); and

the USB data transport protocol including a slow speed USB data transport protocol and a fast speed USB data transport protocol.

3. (currently amended) The method of claim 2 ~~1~~, wherein the IR decoding of the IR formatted data further comprises decoding an IR frame delineation information as the IR identifying information.

4. (original) The method of claim 3, wherein the IR frame delineation information includes an identifying header and IR frame length information.

5. (canceled)

6. (canceled)

7. (canceled)

8. (previously amended) A data communication device comprises: ~~The data communication device of claim 7 further comprises:~~

a processing module; and

memory operably coupled to the processing module, wherein the memory store operational instructions that, when

processed by the processing module, cause the processing module to

receive infrared (IR) encoded and IR formatted data via an IR transmission path;

IR decode the IR encoded and IR formatted data to recapture IR formatted data, wherein the IR formatted data includes IR transport identifying information;

packetize the IR formatted data in accordance with universal serial bus (USB) data transport protocol to produce USB packets;

transport the USB packets via a USB port to produce transported USB packets;

depaketize the transported USB packets to recapture the IR formatted data; and

decode the IR formatted data in accordance with an IR data transport protocol based on the IR identifying information to recover data, wherein

the IR data transport protocol including slow IR in accordance with an IrDA specified infrared data transport protocol, medium IR in accordance with the IrDA specified infrared data transport protocol, fast IR in accordance with the IrDA specified infrared data transport protocol, and amplitude shift keying (ASK); and

the USB data transport protocol including a slow speed USB data transport protocol and a fast speed USB data transport protocol.

9. (currently amended) The data communication device of claim 8 7, wherein the IR decoding of the IR formatted data further comprises decoding an IR frame delineation information as the IR identifying information.

10. (original) The data communication device of claim 9, wherein the IR frame delineation information includes an identifying header and IR frame length information.

11. (canceled)

12. (canceled)

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17. (canceled)

18. (canceled)